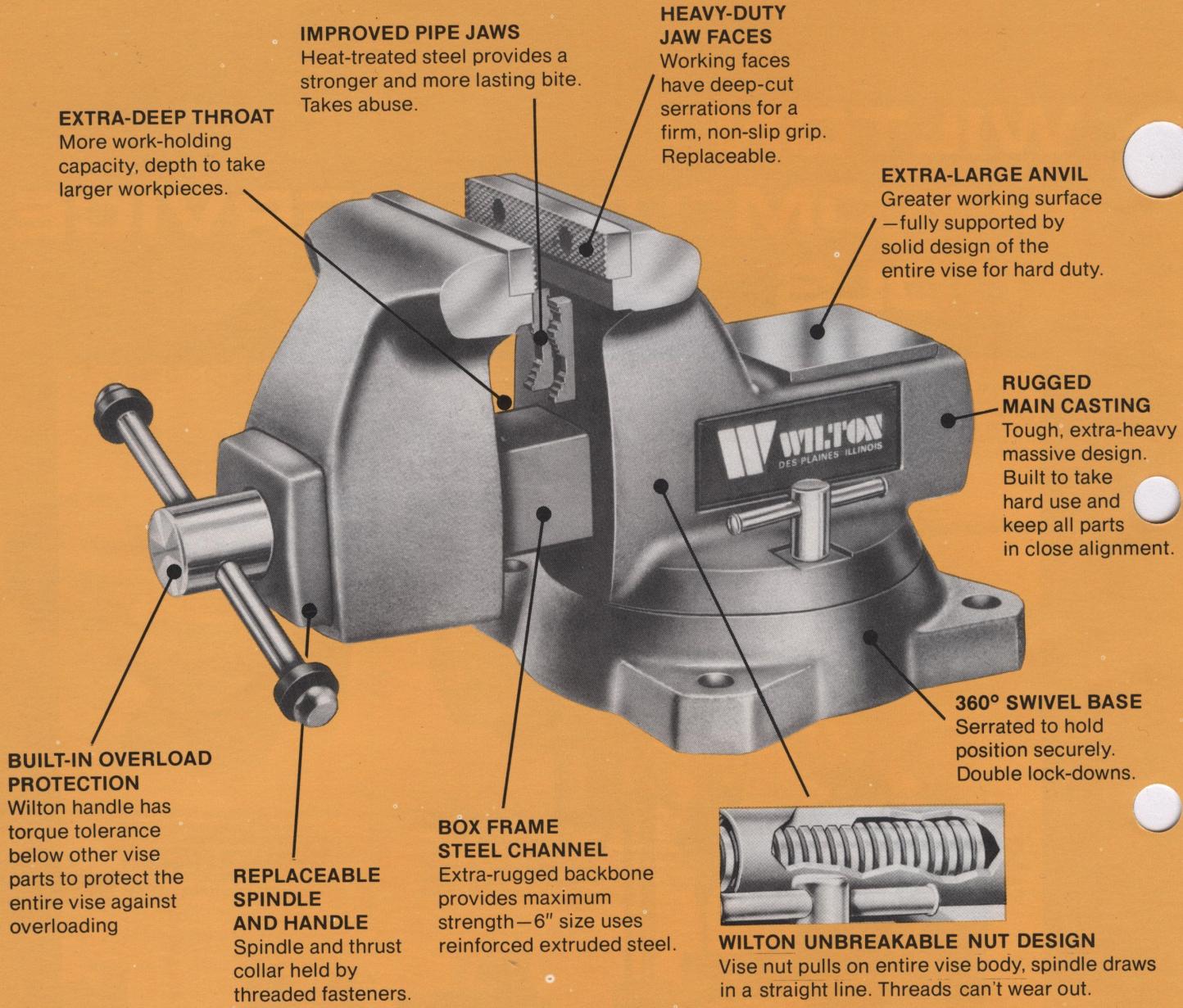


WILTON AUTOMOTIVE SERVICE TOOLS



built for the man and his job



740 SERIES MECHANICS' VISSES

Solid, extra rugged design straight through, plus special operating advantages, make this vise ideal for the service shop. All models have a square box channel for brute strength and smooth operation. Back jaw is heavy, massive to take overload stresses. Straight line spindle provides more holding power with less wear. Pipe jaws are steel, keep their "bite" longer.

SPECIFICATIONS

Catalog No.	Jaw Width	Max. Opening	Pipe Capacity	Depth of Throat	Shipping Wt.
744	4" 100mm	4½" 112mm	¼-2" 6-50mm	3⅛" 86mm	39 lbs. 17 kg.
745	5" 125mm	5¼" 131mm	¼-2½" 6-62mm	3¾" 93mm	52 lbs. 24 kg.
746	6" 150mm	5¾" 143mm	¼-3½" 6-87mm	4⅛" 103mm	67 lbs. 30 kg.

DEEP THROAT

Handles larger workpieces provides extra versatility.

IMPROVED PIPE JAWS

Heat-treated steel provides a stronger and more lasting bite. Takes abuse.

SERRATED JAW FACES

Larger, deeper cut to assure a secure, non-slip grip.

MASSIVE ANVIL

Extra-large with 11 sq. inches of working surface fully supported by the heavy vise body.

SEALED CONSTRUCTION

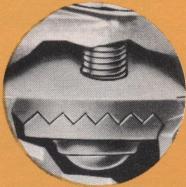
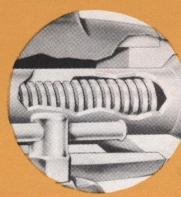
All moving parts are totally enclosed to lock in lubrication, seal out abrasive dust, chips and moisture.

RUGGED, MALLEABLE IRON CASTINGS

Provide high tensile strength to give the 1700 series a bonus of work capacity.

PRECISION SLIDE BAR

Steel key guide in broached keyway of cylindrical housing assures .003" precision fit. No side play.



SWIVEL LOCKING BASE
Serrated faces with double lockdown takes a firm slip-proof grip through 360° rotation.

STRAIGHT LINE PULL

Horizontal construction means vise nut pulls on entire vise body. Spindle pulls in straight line —threads can't wear out.

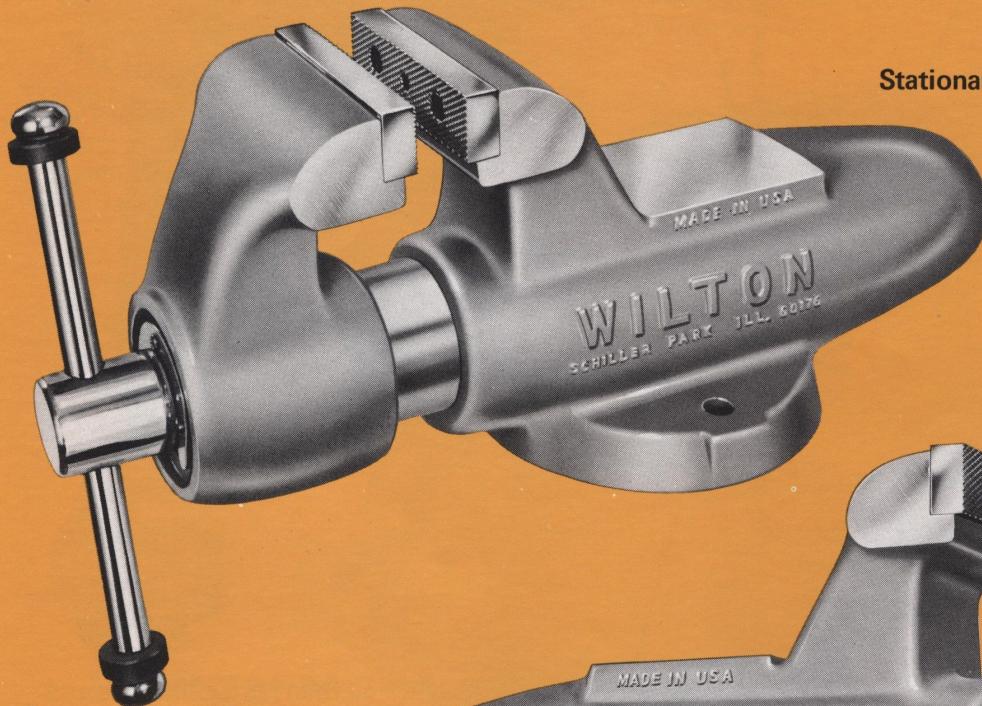
1700 SERIES MECHANICS' VISSES

It's the finest vise you can buy for automotive shop duty. That's because it incorporates the advantages of Wilton's famous, industry-proved Machinists' Vise, with moveable section lathe turned and stationary body bored for close precision fit. The 1700 Series features the lifetime precision of Wilton's "straight line" pull for spindle and nut, keyed round slide bar and sealed lubrication. Extra deep throat provides more work holding capacity. Heat-treated pipe jaws and big anvil for added "workability".

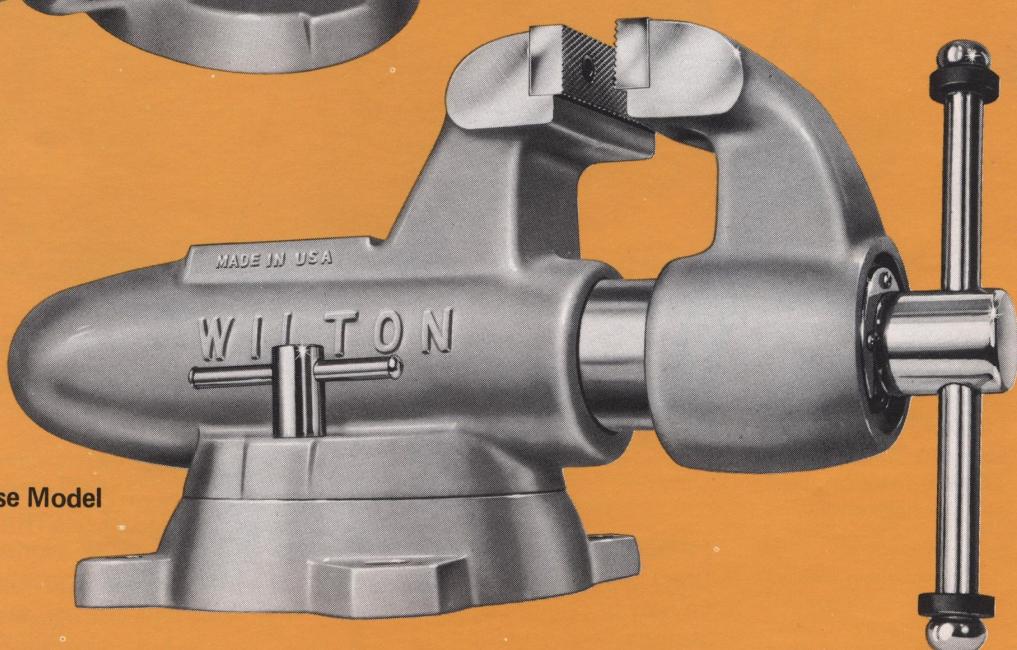
SPECIFICATIONS

Catalog No.	Jaw Width	Max. Opening	Pipe Capacity	Depth Of Throat	Shipping Wt.
1740	4" 100mm	4" 100mm	1/4-2 1/2" 6-62mm	3 1/4" 81mm	39 lbs. 17 kg.
1750	5" 125mm	5" 125mm	1/4-3 1/2" 6-87mm	3 1/4" 81mm	53 lbs. 24 kg.

NEW INDUSTRIAL QUALI



Stationary Base Model



Swivel Base Model

NEW WILTON MACHINISTS' VISES

THE BEST INDUSTRIAL QUALITY VISE HAS BEEN MADE BETTER—AND HERE'S HOW.

INCREASED JAW CLAMPING AREA—25% more clamping area than previous Wilton Machinist Vises and the largest jaw inserts of any machinists' vise.

LARGE THROAT DEPTHS—The real test of vise capacity is throat depth—and Wilton Machinists' Vises have the depth to meet tough job requirements.

STRESSED PARTS OF DUCTILE ALLOY—Areas of greatest stress have been "beefed up" with ductile alloy for the strength of steel.

MASSIVE ANVIL—280% larger than before—and the largest anvil of any machinists' vise.

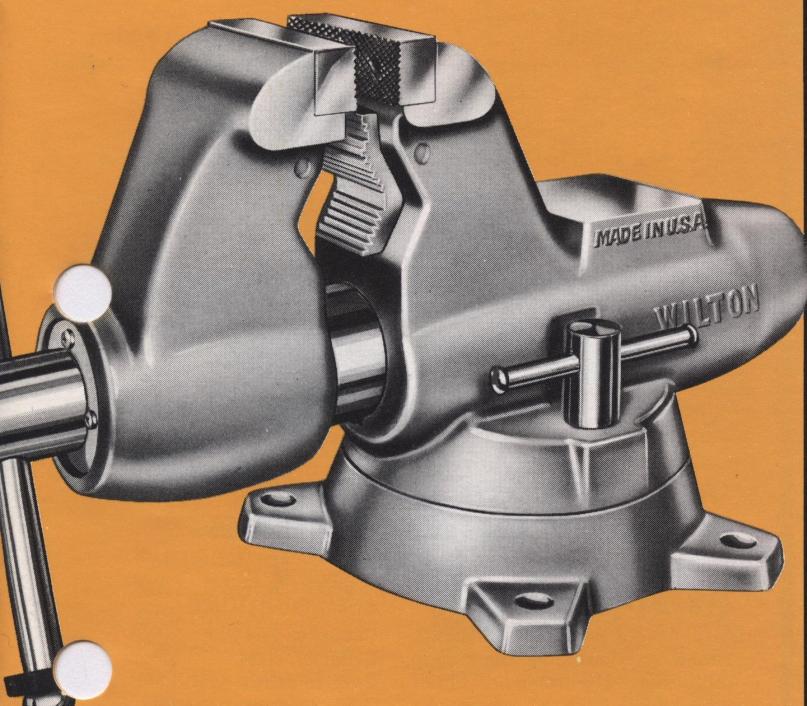
HORIZONTAL DESIGN—means that the nut bears on the entire vise body—providing straight line pull for the spindle. Threads of the spindle can't wear out.

Add sealed construction with life time lubrication, slip proof swivel locking, and precision sidebar, and the result is the finest industrial machinist vise—ever.

Available in stationary or swivel base models.

Catalog Number Swivel Base	Catalog Number Stationary Base	Jaw Width	Maximum Opening	Depth of Throat	Shipping Weight Swivel Base	Shipping Weight Stationary Base
300S	300N	3" (75mm)	4 $\frac{1}{4}$ " (118mm)	2-5/8" (65mm)	29 lbs. (13 kg.)	26 lbs. (12 kg.)
350S	350N	3 $\frac{1}{2}$ " (87mm)	5" (125mm)	2 $\frac{1}{4}$ " (68mm)	41 lbs. (19 kg.)	35 lbs. (16 kg.)
400S	400N	4"	6 $\frac{1}{2}$ " (162mm)	3 $\frac{1}{2}$ " (87mm)	58 lbs. (27 kg.)	49 lbs. (22 kg.)
450S	450N	4 $\frac{1}{2}$ " (112mm)	7 $\frac{1}{2}$ " (187mm)	4-1/8" (103mm)	69 lbs. (31 kg.)	60 lbs. (27 kg.)
500S	500N	5"	8" (200mm)	4 $\frac{1}{4}$ " (106mm)	85 lbs. (38 kg.)	75 lbs. (34 kg.)
600S	600N	6"	10" (250mm)	5 $\frac{1}{2}$ " (137mm)	164 lbs. (74 kg.)	153 lbs. (69 kg.)

TY VISES



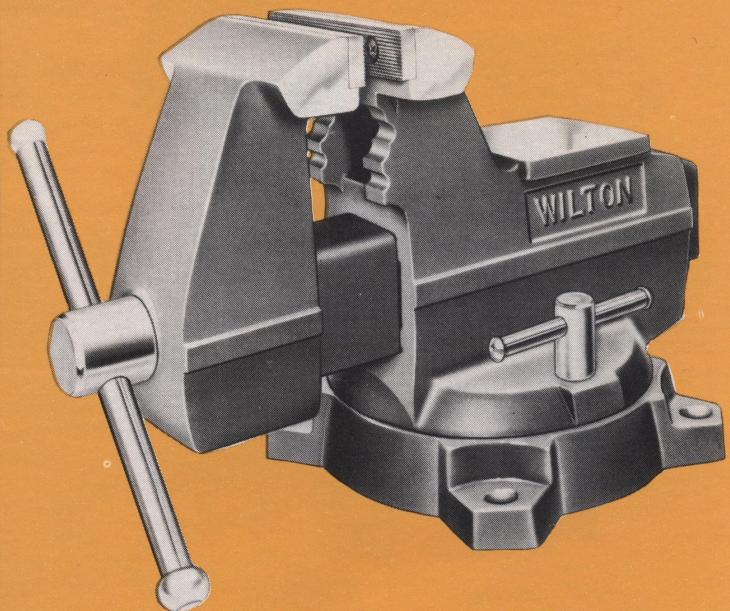
NEW COMBINATION PIPE AND BENCH VISES

The same design improvements that have been built into Wilton's Machinists' Vises are standard on these "top of the line" Wiltons.

Case hardened pipe jaws are milled from solid tool steel—clamp and hold any cylindrical part with a non-slip grip.

Available in 360° swivel base only.

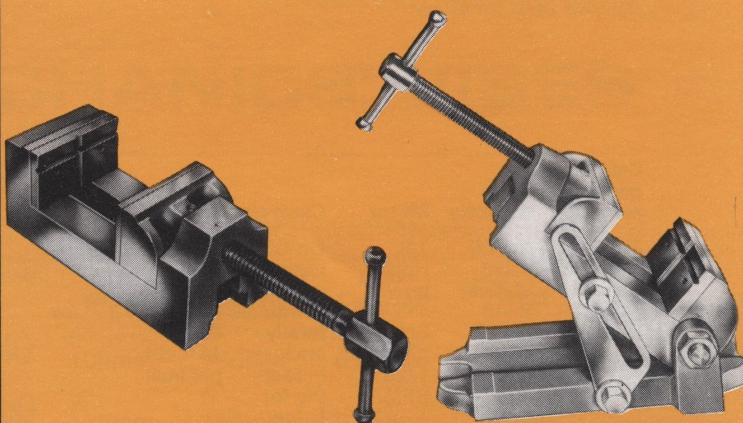
Catalog Number	Jaw Width	Pipe Capacity	Depth of Throat	Shipping Wt.
C-0	3½"	1/8 - 2½"	4-7/32"	48 lbs.
	87mm	3-62mm	105mm	21 kg.
C-1	4½"	1/8 - 3½"	4¾"	70 lbs.
	112mm	3-87mm	118mm	32 kg.
C-2	5"	1/8 - 4½"	5-3/8"	113 lbs.
	125mm	3-112mm	134mm	51 kg.



640 ECONOMY SERVICE VISE

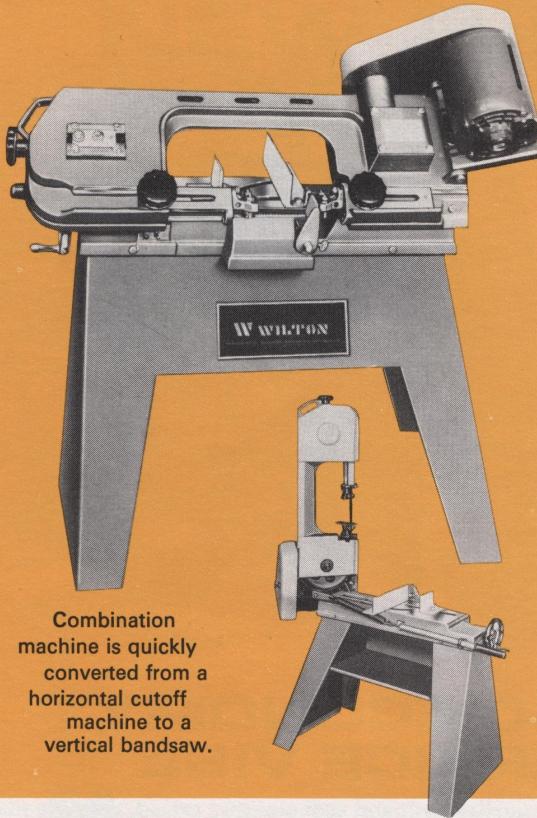
They're quality built and economically priced, yet have many of the features of more costly vises. For example, the 640 has a large forming horn, big anvil, serrated and replaceable steel jaws, hardened steel pipe jaws, formed steel slide and 360° swivel base.

Catalog Number	Jaw Width	Maximum Opening	Pipe Capacity	Shipping Wt.
643 ½	3½"	4"	1/8-2"	19 lbs. 8 kg.
	87mm	100mm	3-50mm	
644	4½"	5½"	1/8-2½"	26 lbs. 12 kg.
	106mm	137mm	3-62mm	
645	5"	6"	1/8-2½"	34 lbs. 16 kg.
	125mm	150mm	3-62mm	



Accuracy and moderate price make this the ideal drill press vise for many operations - drilling, tapping, reaming. End and sides are precision machined. Model 25A has 90° tilt adjustment.

Catalog Number	Jaw Width	Max. Jaw Opening	Depth of Jaws	Overall Length	Shipping Weight
25	2½"	2-9/16"	1½"	7¼"	7 lbs. 3 kg.
	62mm	63mm	37mm	181mm	
25A	2½"	2½"	1½"	9"	13 lbs. 6 kg.
	62mm	62mm	37mm	225mm	



Combination machine is quickly converted from a horizontal cutoff machine to a vertical bandsaw.

WILTON METALCUTTING BANDSAWS

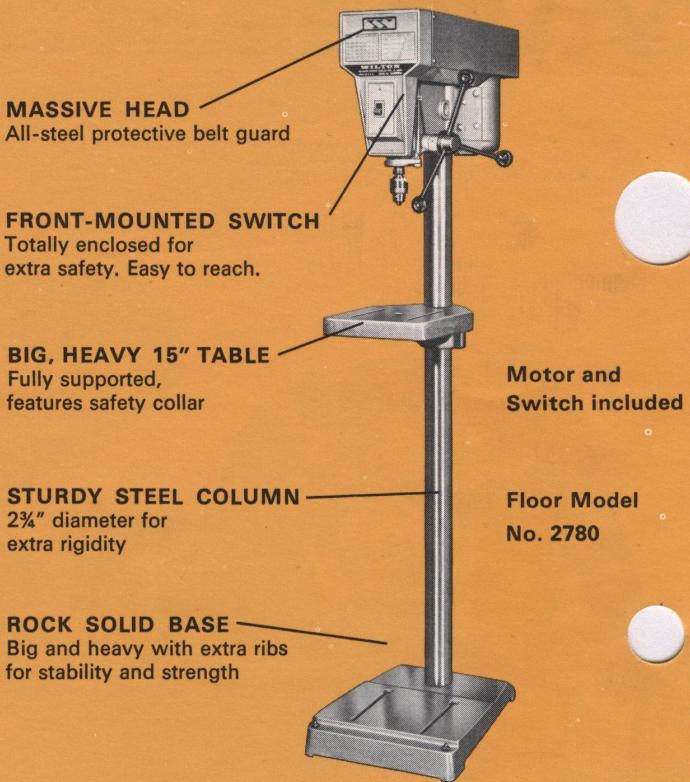
3 SPEEDS — 65-120-220 FPM

Cut any type of material in your shop or garage with these new metalcutting saws from Wilton.

Combination machine is quickly converted from a horizontal cutoff machine to a vertical bandsaw. Wheel kit accessory makes it portable.

Check these exclusive design features: Precision blade guides for accurate cuts and longer blade life. Oil bath drive train for silent operation and long life. Total enclosure of all movable parts for safety.

Cat. No. and De- scription	Capacity	Motor	Controls	Blade	Ship. Wgt.
3002 Combi- nation Floor Model	Cut off 4½x6 Vertical Band Saw 5" (Throat depth)	1/3 Horse- power 115 Volt Single phase 1725 RPM	On-Off toggle switch Terminals totally enclosed in cast- ing for safety	½"x.025" x65½" Flexback Alloy) 14 teeth per inch	153 lbs.
3003 Bench Model Combi- nation Saw	same as above	same as above	same as above	same	136 lbs.



WILTON 15" UTILITY DRILL PRESS

STANDARD EQUIPMENT

5 speeds, 5" precision spindle stroke, standard table, depth stop, motor mount, 3-spoke hand feed wheel, plain base, ½" key chuck, with belt and pulleys.

The Wilton 15" Utility Drill Press has many of the advantages of high priced drills at a modest price. It's quality built, ruggedly built with a massive table and base. Big, modern steel head is well supported and features a safety collar and all-steel belt guard. Involute, 12-spline spindle runs on four sealed-for-life ball bearings—combined with sturdy steel pulley stud and bearing assembly.

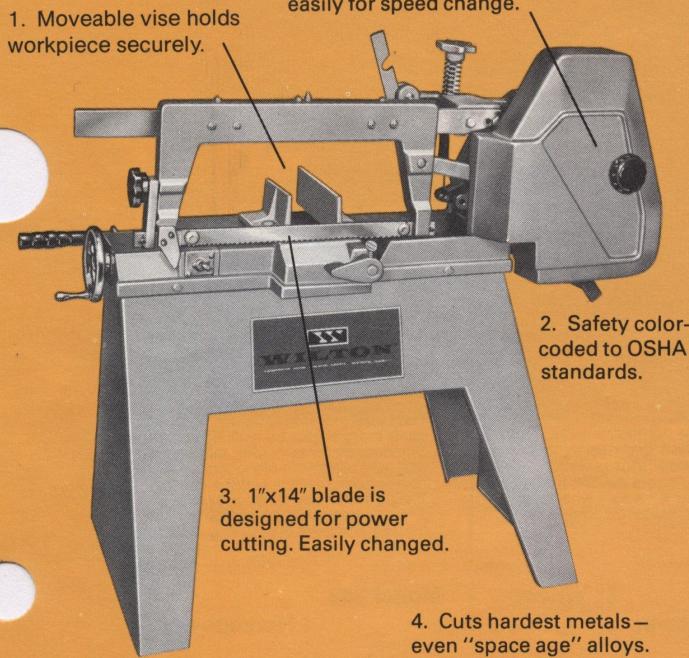
This full-value drill press also gives you deluxe features such as safe, totally enclosed safety switch . . . easy access hinged panel for belt changing . . . five spindle speeds from 500 to 5500 rpm. And to match your needs, there's a choice of bench and floor models plus single and multiple spindle units.

SPECIFICATIONS

Capacity, cast iron	5"
Capacity, steel	½"
Drills to center	15"
Quill diameter	1¾"
Spindle travel	5"
Spindle speeds	500, 925, 1750 3250, 5500
Column diameter	2¾"
Column thickness	⅛"
Table utility	10" x 11"
Base working area, floor	10" x 11"
Base working area, bench	9" x 10"
<u>Single Spindle Models</u>	
Spindle to table, floor	41"
Spindle to table, bench	12¼"
Spindle to base, floor	47¼"
Spindle to base, bench	18"
Height, overall, floor	67½"
Height, overall, bench	38½"
<u>Multiple Spindle Models</u>	
Spindle to table	25%"
Height, overall	69½"
Power recommended	½ hp

SINGLE SPINDLE MODELS

Description	Floor Models	Bench Models
Deluxe model, with full head guard and front mounted switch. 1/2 HP 115V 1 phase ball bearing motor, ½" key chuck.	176 lbs. 2780	150 lbs. 2781



WILTON POWER HACK SAW:

a solid investment in automated cutting equipment

Quality construction all the way through makes this new Wilton power hack saw a good buy for any shop. A choice of models lets you select the one that suits your needs best. The Wilton hack saw features as standard equipment advantages listed as "extras" on other saws—three speeds, 60, 90, 140 SPM—fully enclosed gear drive train—sturdy vise—steel base and hand tool storage shelf. A variable tensioning cam relieves pressure on the backstroke. Machine stops automatically on completion of cut or can be stopped anytime with the hand switch.

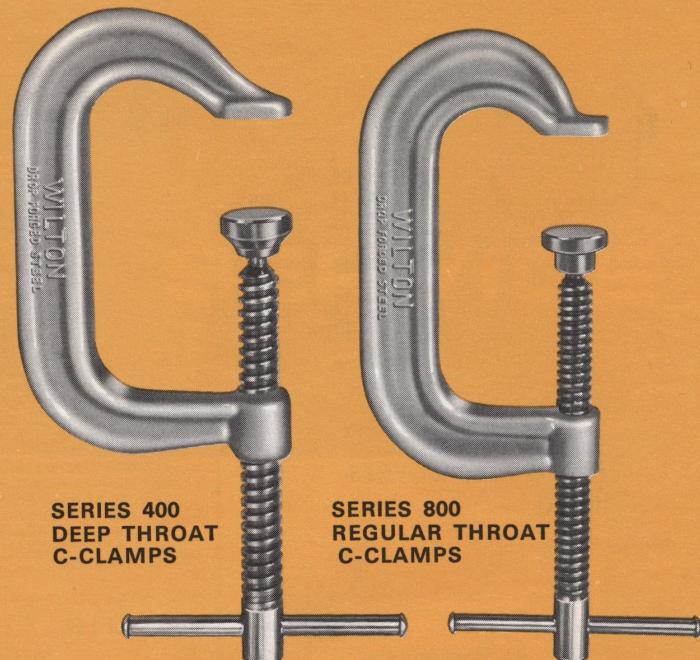
Fully capable of handling even the toughest metals, you can depend upon this new, low cost Wilton saw to deliver long, dependable performance.

MECHANICAL FEED

#5011	Power Hack Saw, Floor Model, 5½" x 5½"	
	Capacity, 1/3 HP, single phase 115 volt motor and switch.	180 Lbs.
#5001	Power Hack Saw, Bench Model, 5½" x 5½" Capacity, 1/3 HP, single phase, 115 volt motor and switch.	140 Lbs.

SPECIFICATIONS

Capacity under blade:	5½" x 5½" Cross Section 3½" at 45° Angle 3½" Solids
Blade:	1" x .050" x 14", 14 Teeth per inch
Speeds:	(3) 60, 90, 140 Strokes per minute
Motor recommended:	1/3 or 1/2 HP, 1725 RPM belt driven
Drive:	Single gear reduction, ¾" gear face
Size Overall:	Length 41"
Floor Model:	Height 34½" — Width 14"



WILTON ALL-STEEL C-CLAMPS

The most respected name in C-clamps—for any application—is Wilton. The frames are drop forged steel, while the spindles are made of special stress hardened steel that won't bend or warp—guaranteed against breakage. More, they're lubricated for life with Molybdenite. Perma-Pad® swivels are a Wilton exclusive and just can't come off.

SERIES 400

Extra deep throat combined with the bonus strength of Wilton drop forged steel frames give you more work capacity. Precision cut, single lead Acme thread plus lifetime lubrication means smooth, easy operation.

SERIES 800

Recommended for regular duty work not requiring extra throat depths. Drop forged from specially selected steel, they have plenty of brawn for tough jobs yet they're light enough for easy handling. And the Series 800 are equipped with Wilton exclusive Perma-Pad® swivels and lifetime lubricated spindles.

SPECIFICATIONS

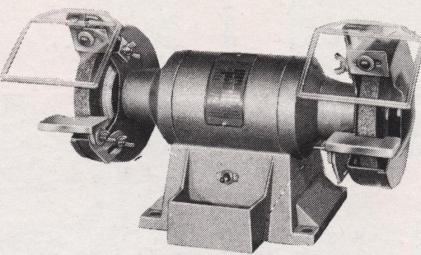
Catalog Number	Capacity	Throat Depth	Spindle Diam.	Minimum Proof Test	Weight Each
402	0"-2"	2"	9/16"	3300 lbs.	1½ lbs.
403	0"-3"	2½"	5/8"	3500 lbs.	1¾ lbs.
404	0"-4"	2¾"	¾"	4100 lbs.	2¾ lbs.
406	0"-6"	3½"	¾"	5400 lbs.	4 lbs.
408	0"-8"	4½"	¾"	5900 lbs.	6½ lbs.
410	2"-10"	5½"	¾"	6200 lbs.	9¾ lbs.
412	2"-12"	5¾"	7/8"	9300 lbs.	11¼ lbs.
802	0"-2"	1 13/16"	9/16"	2700 lbs.	1½ lbs.
803	0"-3"	1 15/16"	9/16"	3000 lbs.	1¾ lbs.
804	0"-4"	2 5/8"	5/8"	3700 lbs.	2¾ lbs.
806	0"-6"	2 15/16"	5/8"	4500 lbs.	4 lbs.
808	2"-8"	3 7/16"	¾"	5200 lbs.	6½ lbs.
810	2"-10"	3 ¾"	¾"	6000 lbs.	9¾ lbs.
812	2"-12"	3 7/8"	¾"	8000 lbs.	11¼ lbs.

WILTON

Bench Grinders

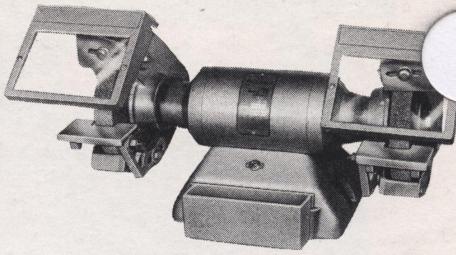
ALL MODELS MEET
OSHA STANDARD — HAVE
UL & CSA APPROVAL
Spark Breakers,
Eyeshields, Vented Wheel
Guards, Guard Covers
Standard

Model 152 **6" Wheel**
1/3 Horsepower



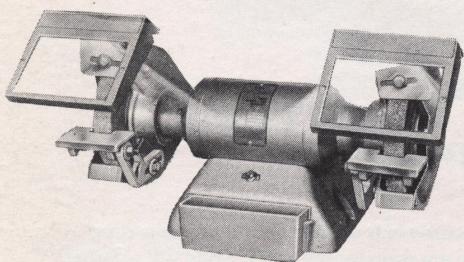
Added horsepower motor makes this a valuable medium duty grinder for repair work and medium duty use. Standard features include extended frame, adjustable steel tool rests and plex-i-glass eyeshields. Toggle switch and water pot built into base. Two 6" x 3/4" wheels in 36 and 60 grit. Motor is split capacitor and fully enclosed.

Model 154 **7" Wheel**
1/2 Horsepower



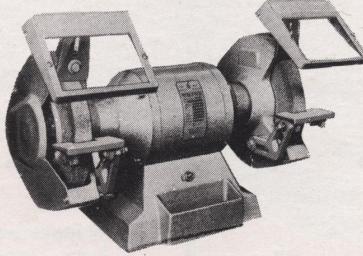
Heavy duty for industrial use. Extended frame design gives more accessibility to side and front of wheels. Standard features include safety glass eyeshields and fully adjustable tilting tool rests. Motor is 1/2 horsepower, split capacitor and fully enclosed. Toggle switch and water pot are built into base. Two 7" x 1" wheels with 36 and 60 grit. Wheels are housed in special dust vent guards.

Model 155 **7" Wheel**
1/2 Horsepower
Illuminated Eyeshields



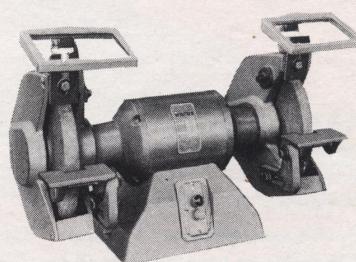
With illuminated safety glass eyeshields, Model 155 gives you ultimate viewing and accuracy while grinding. Fully adjustable tool rests for grinding in any position. Toggle switch and water pot are built into base. Two 7" x 1" wheels in 36 and 60 grit with 1/2 horsepower capacitor motor rated for industrial and heavy duty use. Vent dust guards house grinding wheels.

Model 157 **8" Wheel**
3/4 Horsepower



Heavy duty 3/4 horsepower motor makes this model 157 the ideal grinder for industrial use. The tool rest is fully adjustable for use in any grinding position. Two 8" x 1" grinding wheels, one coarse 36 grit and one medium 60 grit are standard. Dust vents, full guard covers, water pot and adjustable spark breakers are all built-in features.

Model 158 **10" Wheel**
1 Horsepower



The top of the line for industrial use. This heavy duty 1 horsepower model 158 is equipped with an industrial 1725 RPM motor. Dual voltage, 115/230 with two 10" grinding wheels of 36 and 60 grit. Eyeshields, tilting tool rest, full guard covers and adjustable spark breakers are all standard equipment. Conforms to all OSHA requirements.



Model 156
Pedestal Base
for 6" and 7"
Models

36" H
17" x 17" Base

Model 159
Pedestal Base
for 8" and 10"
Models

36" H
18" x 18" Base

- Stable bases
- Convenient height
- Portable or permanent installation
- Finish matches grinder
- Light weight; yet strong

SPECIFICATIONS

Catalog Number	Type	Wheel Dim.			Dist. Between Wheels	No Load R.P.M.	Motor H.P.	AC Voltage 1-Phase Motor	Overall Length	Height	Shpg. Weight lbs.
		Dia.	Arbor	Face							
152	Medium Service Duty	6"	1/2 "	3/4 "	12 1/2 "	3450	1/3	115V	16 1/2 "	9 1/2 "	32
154	Heavy Service Duty	7"	5/8 "	1"	15 1/2 "	3450	1/2	115V	19 3/4 "	9 3/4 "	61
155	Heavy Service Duty	7"	5/8 "	1"	15 1/2 "	3450	1/2	115V	19 3/4 "	9 3/4 "	61
157	Heavy Service Duty	8"	3/4 "	1"	17"	3450	3/4	115V	20 1/4 "	11 3/4 "	74
158	Heavy Service Duty	10"	3/4 "	1"	19"	1725	1	115V/230	23"	13 1/2 "	140
156	Pedestal Base for models 152, 154, 155										43
159	Pedestal Base for models 157, 158										75

IMPORTANT NOTICE TO PURCHASERS

All Wilton products are guaranteed. These guarantees are limited and provisional, and in all cases dependent upon proper product usage. Specific guarantee details depend upon the construction of each product line and its intended use by the purchaser. In any case, warranty is limited to the repair or replacement, at our option, parts or product F.O.B. factory. A copy of each product guarantee may be procured by writing our Des Plaines, Illinois general office.

Neither the manufacturer or distributor shall be liable for any injury or damage out of the use or suitability of this product. It is up to the user to determine suitability and safety of the product for his intended use, and the user assumes all risks and liability herewith.



Wilton Corporation / Tool Division
2400 E. Devon Ave., Des Plaines, IL 60018
Telephone: (312) 827-7700